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MATERNAL AND CHILD CARE

VITAL STATISTICS

11TH UPDATE

1985 MANITOBA VITAL STATISTICS

MANITOBA HEALTH
MATERNAL AND CHILD HEALTH DIRECTORATE

RELEASED: MARCH, 1987

Manitoba

Health Maternal and Child Health

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Winnipeg, Manitoba, CANADA
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MARCH, 1987

TO RECIPIENTS OF MATERNAL AND CHILD CARE 11TH UPDATE
1985 MANITOBA VITAL STATISTICS

This eleventh update of the Maternal and Child Care Report employs 1985 Vital Statistics for Manitoba Regions and Winnipeg Districts and June 1, 1985 Manitoba Health Services Commission figures for regional populations.

Requests for copies or information of past or current reports should be forwarded to the Maternal and Child Health Directorate.

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GLOSSARY OF TERMS AND DEFINITIONS

A. Symbols

N/A	Not Available	-	Zero Activity
r	Revised	*	Refer to Footnote(s)

B. Definitions

1. **Age** - Completed age in years, months, days, etc.

2. **Population**

   a) Manitoba - based on Manitoba Health Services Commission (M.H.S.C.) population reports. Regional populations are by region of residence.

   b) Canada - Based on Statistics Canada population data.

3. **Births**

   a) Live Births - Infants born alive excluding stillbirths.

   b) Stillbirths - Fetal deaths of 20 (or 28) or more weeks gestation.

   c) Total Births - Live births plus stillbirths.

4. **Birth Rates**

   a) Live Births - Infants born alive, excluding stillbirths, per 1,000 population.

   b) Stillbirths - Fetal deaths of 20 (or 28) or more weeks gestation per 1,000 live births.

5. **Deaths**

   a) Infant - Infant deaths under 1 year of age, excluding stillbirths.

   b) Maternal - Deaths due to delivery and complications of pregnancy, childbirth and the puerperium.

   c) Neonatal - Infant deaths under 28 days of age, excluding stillbirths.

   d) Newborn - Infant deaths from birth to less than 7 days of age.

   e) Perinatal - Fetal deaths of 20 (or 28) or more weeks gestation plus infant deaths under 7 days of age.

f) Post-Neonatal - Infant deaths from 28 days to under 1 year of age.

6. Death Rates

a) Infant - Infant deaths under 1 year of age, excluding stillbirths, per 1,000 live births.

b) Maternal - Deaths due to delivery and complications of pregnancy, childbirth and the puerperium per 10,000 live births.

c) Neonatal - Infant deaths under 28 days of age, excluding stillbirths, per 1,000 live births.

d) Newborn - Infant deaths from birth to less than 7 days of age per 1,000 live births.

e) Perinatal - Fetal deaths of 20 (or 28) or more weeks gestation plus infant deaths under 7 days of age per 1,000 total births.

f) Post-Neonatal - Infant deaths from 28 days to under 1 year of age per 1,000 live births.

7. General Fertility Rate - Live births per 1,000 females between ages 15-49.

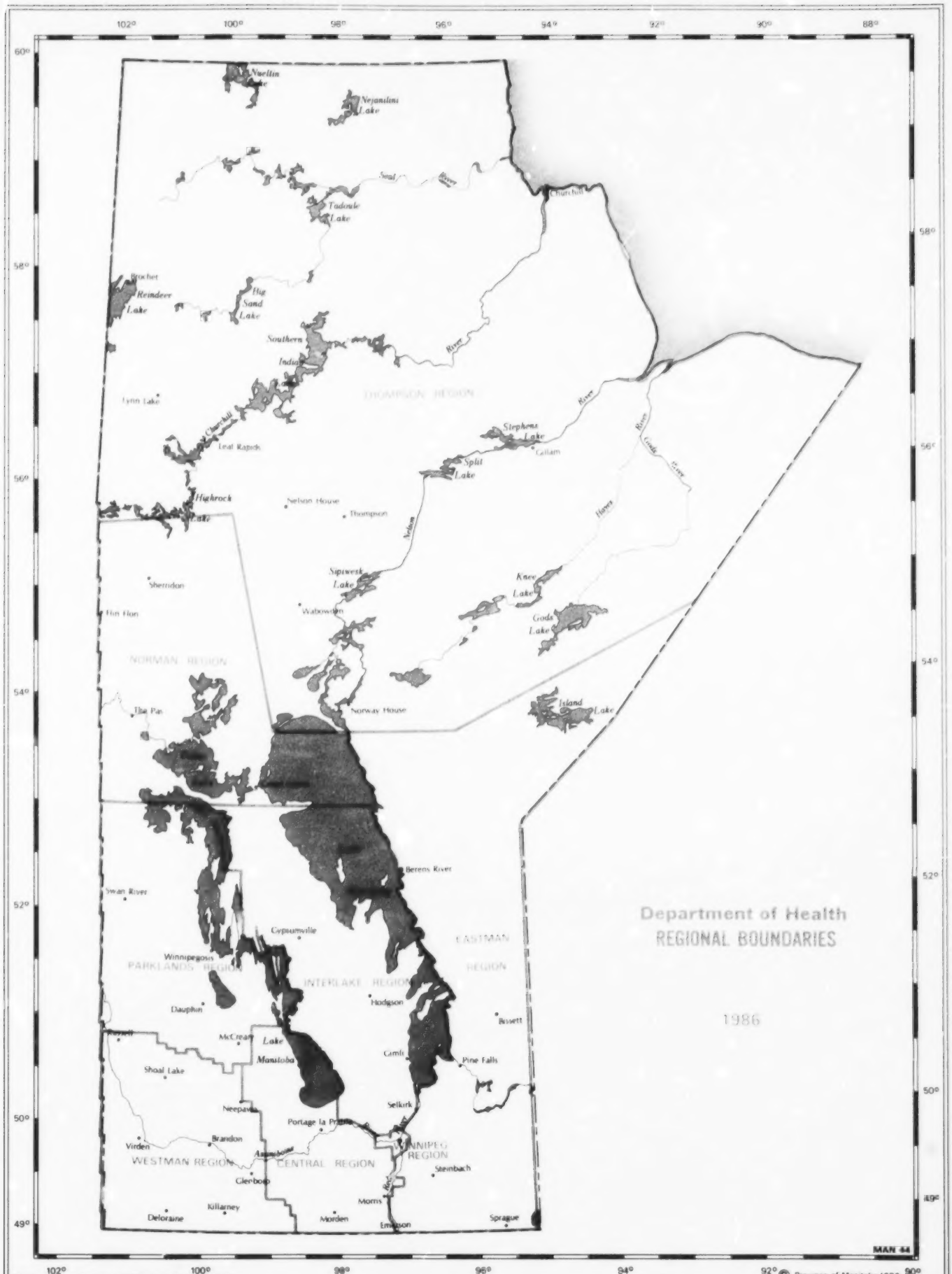
8. Parity - The number of total births (current birth plus previous births) that a particular mother has had. This includes live births and stillbirths.

9. Region of Residence - Usual residence of mother as recorded on the registration of live birth.

10. Indian Reserve* - A tract of land the legal title to which is vested in the Crown, that has been set apart by the Crown for the use and benefit of an Indian band.

11. Unorganized Territory* - Any territory in Manitoba which is not under the jurisdiction of any legal government that has taxing authority.

* Vital events for these categories are not necessarily complete. The usual residence of the mother may not be accurately documented, e.g. a Winnipeg address may be used by a Status Indian from a reserve at the time of birth notification, if she was 'boarding' with relatives/friends in the city prior to delivery.



Cartography by: Surveys and Mapping Branch, Manitoba
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I-1A

MANITOBA POPULATION

BY HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981(2)	1982(2)	1983(1)	1984(1)	1985(1)
REGION					
CENTRAL	89,556	89,983	89,409	90,045	90,372
EASTMAN	68,309	69,118	69,665	70,911	71,963
INTERLAKE	61,645	61,213	61,462	62,154	62,663
NORMAN	22,304	21,941	21,543	21,183	21,109
PARKLAND	45,357	45,128	45,001	44,704	44,430
THOMPSON	22,644	21,258	20,615	20,635	20,750
WESTMAN	117,763	117,993	118,105	118,760	118,558
WINNIPEG	594,146	601,064	603,536	610,391	617,599
INDIAN RES	45,569	47,039	47,613	48,636	49,993
UNORGANIZED TERRITORIES	11,210	11,372	11,340	11,344	11,323
TOTAL	1,078,513	1,086,109	1,088,289	1,098,763	1,108,760

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December Preliminary M.H.S.C. population records.

I-1B

MANITOBA POPULATION

BY HEALTH & COMMUNITY SERVICES REGION 1981-1985

(INDIAN RES. & UNORGANIZED TERRITORY POPULATION ALLOCATED TO REGION)

YEAR / REGION	1981(2)	1982(2)	1983(1)	1984(1)	1985(1)
CENTRAL	93,191	93,807	93,292	94,021	94,471
EASTMAN	82,033	83,379	84,078	85,438	86,756
INTERLAKE	69,374	69,166	69,490	70,299	70,981
NORMAN	26,352	26,248	25,947	25,819	25,847
PARKLAND	51,341	51,237	51,096	50,846	50,622
THOMPSON	41,240	40,070	39,646	40,018	40,705
WESTMAN	120,836	121,138	121,204	121,931	121,779
WINNIPEG	594,146	601,064	603,536	610,391	617,599
TOTAL	1,078,513(3)	1,086,109	1,088,289	1,098,763	1,108,760

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December Preliminary M.H.S.C. population records.
(3) For comparison purposes, the 1981 Manitoba June Census Canada Figure for the Manitoba population is 1,026,245.

I-2

WINNIPEG POPULATION

BY SUB-REGIONAL RESIDENCE AREAS 1981-1985

YEAR	1981(2)	1982(2)	1983(1)	1984(1)	1985(1)
WPG. REGION					
FT. GARRY	42,109	42,863	43,271	43,969	45,446
EAST & NORTH KILDONAN	65,721	66,679	67,283	68,273	68,936
OLD & WEST KILDONAN	40,728	41,555	42,177	43,170	44,396
ST. BONIFACE	44,828	44,721	44,044	44,018	43,849
ST. JAMES-ASSINIBOIA	81,166	81,915	81,861	82, 829	83,585
EAST ST. PAUL	3,184	3,244	3,262	3,309	3,416
WEST ST. PAUL	2,389	2,394	2,514	2,455	2,451
ST. VITAL	45,750	46,631	47,945	49,245	51,078
TRANSCONA	27,856	27,990	28,222	28,651	29,179
INNER CITY***	240,415	243,072	242,957	244,472	245,263
TOTAL	594,146	601,064	603,536	610,391	617,599

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December Preliminary M.H.S.C. population records.

*** Winnipeg, Inner City, includes Charleswood and Tuxedo.

IV-1A-1

FEMALES BETWEEN 15-49

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981(2)	1982(2)	1983(1)	1984(1)	1985(1)
REGION					
CENTRAL	20,680	20,820	20,688	20,852	20,980
EASTMAN	16,545	16,841	17,008	17,303	17,682
INTERLAKE	14,702	14,633	14,692	14,885	15,024
NORMAN	5,672	5,639	5,535	5,465	5,486
PARKLAND	9,628	9,572	9,486	9,446	9,340
THOMPSON	6,350	6,000	5,825	5,912	5,946
WESTMAN	27,134	27,293	27,284	27,563	27,529
WINNIPEG	160,332	162,468	162,959	165,383	167,871
I.R. & U.T.	13,258	13,971	14,110	14,607	15,095
TOTAL	274,301	277,237	277,587	281,416	284,953

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December Preliminary M.H.S.C. population records.

IV-1A-2

FEMALES BETWEEN 15-49

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985
(INDIAN RES. & UNORGANIZED TERRITORY POPULATION
ALLOCATED TO REGION)

YEAR / REGION	1981(2)	1982(2)	1983(1)	1984(1)	1985(1)
CENTRAL	21,536	21,737	21,623	21,832	21,983
EASTMAN	19,705	20,208	20,401	20,778	21,228
INTERLAKE	16,579	16,619	16,709	16,982	17,195
NORMAN	6,616	6,669	6,584	6,607	6,682
PARKLAND	11,006	11,008	10,897	10,903	10,834
THOMPSON	10,616	10,432	10,333	10,547	10,795
WESTMAN	27,911	28,096	28,081	28,384	28,365
WINNIPEG	160,332	162,468	162,959	165,383	167,871
TOTAL	274,301(3)	277,237	277,587	281,416	284,953

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December Preliminary M.H.S.C. population records.
(3) For comparison purposes, the 1981 Manitoba June Census Canada figure for females between 15-49 is 258,055.

IV-1B-1

TOTAL BIRTHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	1,474	1,549	1,495	1,539	1,578
EASTMAN	1,156	1,203	1,168	1,077	1,181
INTERLAKE	729	753	851	863	845
NORMAN	414	409	423	382	379
PARKLAND	590	556	529	573	531
THOMPSON	544	461	462	476	485
WESTMAN	1,694	1,692	1,708	1,795	1,711
WINNIPEG	8,243	8,186	8,595	8,640	8,935
I.R. & U.T.	1,248	1,303	1,377	1,337	1,463
MANITOBA TOTAL	16,092	16,112	16,608	16,682	17,108
NON-RESIDENT	471	524	549	563	528
TOTAL	16,563	16,636	17,157	17,245	17,636

SOURCE: Manitoba Vital Statistics registrations.

* Total births are defined as live births plus stillbirths of 20 or more weeks gestation.

IV-1C-1

LIVE BIRTHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	1,463	1,538	1,481	1,525	1,571
EASTMAN	1,145	1,196	1,165	1,076	1,176
INTERLAKE	722	749	848	859	840
NORMAN	411	406	419	379	376
PARKLAND	586	554	526	564	526
THOMPSON	539	458	460	475	481
WESTMAN	1,679	1,685	1,697	1,780	1,704
WINNIPEG	8,176	8,133	8,537	8,575	8,876
I.R. & U.T.	1,231	1,294	1,366	1,331	1,445
MANITOBA TOTAL	15,952	16,013	16,499	16,564	16,995
NON-RESIDENT	462	513	537	552	518
TOTAL	16,414	16,526	17,036	17,116	17,513

SOURCE: Manitoba Vital Statistics registrations.

* Live births are infants born alive, excluding stillbirths.

IV-1D-1

GENERAL FERTILITY RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	70.7	73.9	71.6	73.1	74.9
EASTMAN	69.2	71.0	68.5	62.2	66.5
INTERLAKE	49.1	51.2	57.7	57.7	55.9
NORMAN	72.5	72.0	75.7	69.4	68.5
PARKLAND	60.9	57.9	55.5	59.7	56.3
THOMPSON	84.9	76.3	79.0	80.3	80.9
WESTMAN	61.9	61.7	62.2	64.6	61.9
WINNIPEG	51.0	50.1	52.4	51.8	52.9
I.R. & U.T.	92.8	92.6	96.8	91.1	95.7
MANITOBA TOTAL	58.2	57.8	59.4	58.9	59.6
CANADA	56.7	56.3	55.9	55.9	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1981, 1982, 1983, 1984. Volume 1, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations. Manitoba Health Services population records.

* General fertility rate is defined as live births per 1,000 females between ages 15-49.

NOTE: Because of the size of Winnipeg's population, the effects of trends in other numerically smaller regions are not likely to influence the summary figure cited for the province.

INFANT DEATHS

IV-2A

INFANT DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	15	13	19	14	19
EASTMAN	12	10	14	8	9
INTERLAKE	4	4	5	5	9
NORMAN	3	2	6	3	3
PARKLAND	10	5	3	3	3
THOMPSON	5	3	6	3	7
WESTMAN	27	16	17	13	8
WINNIPEG	79	72	81	65	76
I.R. & U.T.	31	15	22	25	28
MANITOBA TOTAL	186	140	173	139	162
NON-RESIDENT	13	15	16	10	22
TOTAL	199	155	189	149	184

SOURCE: Manitoba Vital Statistics registrations.

* Infant deaths are defined as deaths under 1 year of age, excluding stillbirths.

NOTE: Infant deaths were uniformly up for all but one region in 1983. When perinatal losses are adjusted to compensate for an increase in lethal congenital anomalies, the rise in infant deaths has primarily occurred in the post-neonatal period.

IV-2B

INFANT DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	10.3	8.5	12.8	9.2	12.1
EASTMAN	10.5	8.4	12.0	7.4	7.7
INTERLAKE	5.5	5.3	5.9	5.8	10.7
NORMAN	7.3	**	14.3	7.9	8.0
PARKLAND	17.1	9.0	5.7	5.3	5.7
THOMPSON	9.3	6.6	13.0	6.3	14.6
WESTMAN	16.1	9.5	10.0	7.3	4.7
WINNIPEG	9.7	8.9	9.5	7.6	8.6
I.R. & U.T.	25.2	11.6	16.1	18.8	19.4
MANITOBA TOTAL	11.7	8.7	10.5	8.4	9.5
NON-RESIDENT	28.1	29.2	29.8	18.1	42.5
TOTAL	12.1	9.4	11.1	8.7	10.5
CANADA	9.6	9.1	8.5	8.1	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1981, 1982, 1983, 1984. Volume 1, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Infant death rate is defined as deaths under 1 year of age, excluding stillbirths per 1,000 live births.

** Not calculated due to low incidence.

IV-3A

NEWBORN DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	8	8	12	7	11
EASTMAN	6	7	9	6	2
INTERLAKE	3	-	2	4	8
NORMAN	2	1	3	2	2
PARKLAND	7	4	2	2	2
THOMPSON	1	2	1	1	3
WESTMAN	13	6	13	9	5
WINNIPEG	45	48	49	31	43
I.R. & U.T.	12	6	12	12	9
MANITOBA TOTAL	97	82	103	74	85
NON-RESIDENT	8	7	7	7	15
TOTAL	105	89	110	81	100

SOURCE: Manitoba Vital Statistics registrations.

* Newborn deaths are defined as infant deaths from birth to less than 7 days of age.

IV-3B

NEWBORN DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	5.5	5.2	8.1	4.6	7.0
EASTMAN	5.2	5.9	7.7	5.6	**
INTERLAKE	4.2	-	**	4.7	9.5
NORMAN	**	**	7.2	**	**
PARKLAND	11.9	7.2	**	**	**
THOMPSON	**	**	**	**	6.2
WESTMAN	7.7	3.6	7.7	5.1	2.9
WINNIPEG	5.5	5.9	5.7	3.6	4.8
I.R. & U.T.	9.7	4.6	8.8	9.0	6.2
MANITOBA TOTAL	6.1	5.1	6.2	4.5	5.0
NON-RESIDENT	17.3	13.6	13.0	12.7	29.0
TOTAL	6.4	5.4	6.5	4.7	5.7
CANADA	5.5	5.0	4.7	4.3	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1981, 1982, 1983, 1984. Volume 1, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Newborn death rate is defined as infant deaths from birth to less than 7 days of age per 1,000 live births.

** Not calculated due to low incidence.

IV-4A

PERINATAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	19	19	26	21	18
EASTMAN	17	14	12	7	7
INTERLAKE	10	4	5	8	13
NORMAN	5	4	7	5	5
PARKLAND	11	6	5	11	7
THOMPSON	6	5	3	2	7
WESTMAN	28	13	24	24	12
WINNIPEG	112	101	107	96	102
I.R. & U.T.	29	15	23	18	27
MANITOBA TOTAL	237	181	212	192	198
NON-RESIDENT	17	18	19	18	25
TOTAL	254	199	231	210	223

SOURCE: Manitoba Vital Statistics registrations.

* Perinatal deaths are defined as fetal deaths of 20 or more weeks gestation plus infant deaths under 7 days of age.

NOTE: (a) The Manitoba College of Physicians and Surgeons (MCPS) use a definition of more than 500 gm to 7 days for perinatal death. This may account for any discrepencies between the two sets of figures.

(b) An increase in lethal congenital anomalies accounts for much of the change from 1982 to 1983 (Source: MCPS 1983 Perinatal and Maternal Welfare Report).

IV-4B

PERINATAL DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	12.9	12.3	17.4	13.6	11.4
EASTMAN	14.7	11.6	10.3	6.5	5.9
INTERLAKE	13.7	5.3	5.9	9.3	15.4
NORMAN	12.1	9.8	16.5	13.1	13.2
PARKLAND	18.6	10.8	9.5	19.2	13.2
THOMPSON	11.0	10.8	6.5	**	14.4
WESTMAN	16.5	7.7	14.1	13.4	7.0
WINNIPEG	13.6	12.3	12.4	11.1	11.4
I.R. & U.T.	23.2	11.5	16.7	13.5	18.5
MANITOBA TOTAL	14.7	11.2	12.8	11.5	11.6
NON-RESIDENT	36.1	34.4	34.6	32.0	47.3
TOTAL	15.3	12.0	13.5	12.2	12.6

SOURCE: Manitoba, Manitoba Vital Statistics registrations.

* Perinatal death rate is defined as the total of fetal deaths of 20 or more weeks gestation and infant deaths under 7 days of age per 1,000 total births.

Total births are live births plus stillbirths of 20 or more weeks gestation.

** Not calculated due to low incidence.

IV-4C

PERINATAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	15	14	18	17	17
EASTMAN	14	12	12	7	5
INTERLAKE	8	2	5	7	10
NORMAN	4	2	6	4	4
PARKLAND	10	6	5	10	5
THOMPSON	4	4	3	2	7
WESTMAN	23	12	22	21	10
WINNIPEG	86	81	93	75	82
I.R. & U.T.	26	12	21	17	24
MANITOBA TOTAL	190	145	185	160	154
NON-RESIDENT	14	16	16	14	23
TOTAL	204	161	201	174	187

SOURCE: Manitoba Vital Statistics registrations.

* Perinatal deaths are defined as fetal deaths of 28 or more weeks gestation plus infant deaths under 7 days of age.

NOTE: (a) The Manitoba College of Physicians and Surgeons (MCPS) use a definition of more than 1000 gm to 7 days for perinatal death. This may account for any discrepencies between the two sets of figures.

(b) An increase in lethal congenital anomalies accounts for much of the change from 1982 to 1983 (Source: MCPS 1983 Perinatal and Maternal Welfare Report).

IV-4D

PERINATAL DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	10.2	9.0	12.0	11.0	10.7
EASTMAN	12.1	10.0	10.3	6.5	4.2
INTERLAKE	11.0	**	5.9	8.1	11.8
NORMAN	9.7	**	14.2	10.5	10.5
PARKLAND	17.0	10.8	9.5	17.5	9.4
THOMPSON	7.4	8.7	6.5	**	14.3
WESTMAN	13.6	7.1	12.9	11.7	5.8
WINNIPEG	10.5	9.9	10.8	8.7	9.1
I.R. & U.T.	20.9	9.2	15.3	12.7	16.2
MANITOBA TOTAL	11.8	9.0	11.1	9.6	9.5
NON-RESIDENT	29.9	30.5	29.1	24.9	42.9
TOTAL	12.4	9.7	11.7	10.1	10.6
CANADA	10.7	10.1	9.5	8.7	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1981, 1982, 1983, 1984. Volume I, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Perinatal death rate is defined as the total of fetal deaths of 28 or more weeks gestation and infant deaths under 7 days of age per 1,000 total births.
Total births are live births plus stillbirths of 28 or more weeks gestation.

** Not calculated due to low incidence.

IV-4E

STILLBIRTHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	11	11	14	14	7
EASTMAN	11	7	3	1	5
INTERLAKE	7	4	3	4	5
NORMAN	3	3	4	3	3
PARKLAND	4	2	3	9	5
THOMPSON	5	3	2	1	4
WESTMAN	15	7	11	15	7
WINNIPEG	67	53	58	65	59
I.R. & U.T.	17	9	11	6	18
MANITOBA TOTAL	140	99	109	118	113
NON-RESIDENT	9	11	12	11	10
TOTAL	149	110	121	129	123

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirths are defined as fetal deaths of 20 or more weeks gestation.

NOTE: The Manitoba College of Physicians and Surgeons use a definition of more than 500 gm for stillbirth. This may account for any discrepancies between the two sets of figures.

IV-4F

STILLBIRTH RATIO*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	7.5	7.2	9.5	9.2	4.5
EASTMAN	9.6	5.9	2.3	**	4.3
INTERLAKE	9.7	5.3	3.5	4.7	6.0
NORMAN	7.3	7.4	9.5	7.9	8.0
PARKLAND	6.8	**	5.7	16.0	9.5
THOMPSON	9.3	6.6	**	**	8.3
WESTMAN	8.9	4.2	6.5	8.4	4.1
WINNIPEG	8.2	6.5	6.8	7.6	6.6
I.R. & U.T.	13.8	7.0	8.1	4.5	12.5
MANITOBA TOTAL	8.8	6.2	6.6	7.1	6.6
NON-RESIDENT	19.5	21.4	22.3	19.9	19.3
TOTAL	9.1	6.7	7.1	7.5	7.0
CANADA	7.3	7.2	6.9	6.2	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1981, 1982, 1983, 1984. Volume I, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Stillbirth ratio is defined as the number of fetal deaths of 20 or more weeks gestation per 1,000 live births.

** Not calculated due to low incidence.

IV-4G

STILLBIRTHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	7	6	6	10	6
EASTMAN	8	5	3	1	3
INTERLAKE	5	2	3	3	2
NORMAN	2	1	3	2	2
PARKLAND	3	2	3	8	3
THOMPSON	3	2	2	1	4
WESTMAN	10	6	9	12	5
WINNIPEG	41	33	44	44	39
I.R. & U.T.	14	6	9	5	15
MANITOBA TOTAL	93	63	82	86	79
NON-RESIDENT	6	9	9	7	8
TOTAL	99	72	91	93	87

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirths are defined as fetal deaths of 28 or more weeks gestation.

NOTE: The Manitoba College of Physicians and Surgeons use a definition of more than 1000 gm for stillbirths. This may account for any discrepancies between the two sets of figures.

IV-4H

STILLBIRTH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	4.8	3.9	4.1	6.6	3.8
EASTMAN	7.0	4.2	2.6	**	2.6
INTERLAKE	6.9	**	3.5	3.5	**
NORMAN	**	**	7.2	**	**
PARKLAND	5.1	**	5.7	14.2	5.7
THOMPSON	5.6	**	**	**	8.3
WESTMAN	6.0	3.6	5.3	6.7	2.9
WINNIPEG	5.0	4.1	5.2	5.1	4.4
I.R. & U.T.	11.4	4.6	6.6	3.8	10.4
MANITOBA TOTAL	5.8	3.9	5.0	5.2	4.6
NON-RESIDENT	13.0	17.5	16.8	12.7	15.4
TOTAL	6.0	4.4	5.3	5.4	5.0
CANADA	5.3	5.1	4.9	4.4	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1981, 1982, 1983, 1984. Volume III, Deaths (Cat. 84-206).

Manitoba, Manitoba Vital Statistics registrations.

* Stillbirth rate is defined as rate of fetal deaths of 28 or more weeks gestation per 1,000 live births.

** Not calculated due to low incidence.

IV-5A

NEONATAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	10	10	12	7	12
EASTMAN	7	9	11	6	4
INTERLAKE	3	1	2	4	8
NORMAN	2	1	4	2	3
PARKLAND	9	5	3	3	2
THOMPSON	2	2	1	1	5
WESTMAN	18	9	14	9	6
WINNIPEG	53	58	56	38	54
I.R. & U.T.	16	10	12	14	13
MANITOBA TOTAL	120	105	115	84	107
NON-RESIDENT	8	11	11	8	18
TOTAL	128	116	126	92	125

SOURCE: Manitoba Vital Statistics registrations.

* Neonatal deaths are defined as infant deaths under 28 days of age, excluding stillbirths.

IV-5B

NEONATAL DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	6.8	6.5	8.1	4.6	7.6
EASTMAN	6.1	7.5	9.4	5.6	3.4
INTERLAKE	4.2	**	**	4.7	9.5
NORMAN	**	**	9.5	**	8.0
PARKLAND	15.4	9.0	5.7	5.3	**
THOMPSON	**	**	**	**	10.4
WESTMAN	10.7	5.3	8.2	5.1	3.5
WINNIPEG	6.5	7.1	6.6	4.4	6.1
I.R. & U.T.	13.0	7.7	8.8	10.5	9.0
MANITOBA TOTAL	7.5	6.6	7.0	5.1	6.3
NON-RESIDENT	17.3	21.4	20.5	14.5	34.7
TOTAL	7.8	7.1	7.4	5.4	7.1
CANADA	6.4	5.9	5.5	5.2	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1981, 1982, 1983, 1984. Volume I, Births and Deaths (Cat. 84-204).

Manitoba, Manitoba Vital Statistics registrations.

* Neonatal death rate is defined as rate of infant deaths of under 28 days of age, excluding stillbirths, per 1,000 live births.

** Not calculated due to low incidence.

IV-6A

POST-NEONATAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	5	3	7	7	7
EASTMAN	5	1	3	2	5
INTERLAKE	1	3	3	1	1
NORMAN	1	1	2	1	-
PARKLAND	1	-	-	-	1
THOMPSON	3	1	5	2	2
WESTMAN	9	7	3	4	2
WINNIPEG	26	14	25	27	22
I.R. & U.T.	15	5	10	11	15
MANITOBA TOTAL	66	35	58	55	55
NON-RESIDENT	5	4	5	2	4
TOTAL	71	39	63	57	59

SOURCE: Manitoba Vital Statistics registrations.

* Post-neonatal deaths are defined as infant deaths from 28 days to under 1 year of age.

IV-6B

POST-NEONATAL DEATH RATES*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION

AND FOR CANADA 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	3.4	2.0	4.7	4.6	4.5
EASTMAN	4.4	**	2.6	**	4.3
INTERLAKE	**	4.0	3.5	**	**
NORMAN	**	**	**	**	-
PARKLAND	**	-	-	-	**
THOMPSON	5.6	**	10.9	**	**
WESTMAN	5.4	4.2	1.8	2.2	**
WINNIPEG	3.2	1.7	2.9	3.1	2.5
I.R. & U.T.	12.2	3.9	7.3	8.3	10.4
MANITOBA TOTAL	4.1	2.2	3.5	3.3	3.2
NON-RESIDENT	10.8	7.8	9.3	**	7.7
TOTAL	4.3	2.4	3.7	3.3	3.4
CANADA	3.2	3.1	3.0	3.0	N/A

SOURCE: Canada, Statistics Canada, Vital Statistics: 1981, 1982, 1983, 1984. Volume I, Births and Deaths (Cat. 84-206).

Manitoba, Manitoba Vital Statistics registrations.

* Post-neonatal death rate is defined as the rate of infant deaths from 28 days to under 1 year of age per 1,000 live births.

** Not calculated due to low incidence.

IV-7A

MATERNAL DEATHS*

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1981-1985

YEAR	1981	1982	1983	1984	1985
REGION					
CENTRAL	-	-	-	-	-
EASTMAN	-	-	-	-	-
INTERLAKE	-	-	-	-	-
NORMAN	-	-	-	-	-
PARKLAND	-	1	-	-	-
THOMPSON	-	-	-	-	-
WESTMAN	-	-	-	-	-
WINNIPEG	-	1	-	-	1
I.R. & U.T.	-	-	-	-	-
MANITOBA TOTAL	-	-	-	-	-
NON-RESIDENT	-	-	-	-	-
TOTAL	-	2	-	-	1

SOURCE: Manitoba Vital Statistics registrations.

* Maternal deaths are defined as deaths due to delivery and complications of pregnancy, childbirth, and the puerperium.

NOTE: Table IV-7B Maternal Death Rates has not been calculated due to low incidence of maternal deaths.

DEATHS UNDER ONE YEAR OF AGE

IV-8A

DEATHS UNDER ONE YEAR OF AGE

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1985

MORTALITY GROUP / REGION	INFANT MORTALITY					
	PERINATAL MORTALITY	NEONATAL MORTALITY				POST-NEONATAL MORTALITY
	STILLBIRTH*	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 12 MONTHS
CENTRAL	7	7	3	1	1	7
EASTMAN	5	1	1	-	2	5
INTERLAKE	5	4	4	-	-	1
NORMAN	3	-	-	2	1	-
PARKLANDS	5	1	-	1	-	1
THOMPSON	4	2	1	-	2	2
WESTMAN	7	4	-	1	1	2
WINNIPEG	59	23	8	12	11	22
I.R. & U.T.	18	7	1	1	4	15
MANITOBA TOTAL	**113**	**49**	**18**	**18**	**22**	**55**

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirths are defined as fetal deaths of 20 or more weeks gestation.

NOTE: The Manitoba College of Physicians and Surgeons use a definition of more than 500 gm for Stillbirth and a definition of more than 500 gm to 7 days for Perinatal death. This may account for any discrepancies between the two sets of figures.

IV-8B

DEATHS RATES* UNDER ONE YEAR OF AGE

BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1985

MORTALITY GROUP / REGION		INFANT MORTALITY				
			NEONATAL MORTALITY			POST-NEONATAL MORTALITY
	PERINATAL MORTALITY					
	STILLBIRTH*	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 12 MONTHS
CENTRAL	4.5	4.5	1.9	**	**	4.5
EASTMAN	4.3	**	**	-	**	4.3
INTERLAKE	6.0	4.8	4.8	-	-	**
NORMAN	8.0	-	-	**	**	-
PARKLANDS	9.5	**	-	**	-	**
THOMPSON	8.3	**	**	-	**	**
WESTMAN	4.1	2.3	-	**	**	**
WINNIPEG	6.6	2.6	0.9	1.4	1.2	2.5
I.R. & U.T.	12.5	4.8	**	**	2.8	10.4
MANITOBA* TOTAL**	**6.6**	**2.9**	**1.1**	**1.1**	**1.3**	**3.2**

SOURCE: Manitoba Vital Statistics registrations.

* All death rates are defined as rates per 1,000 live births. Stillbirths are defined as fetal deaths of 20 or more week gestation.

** Not calculated due to low incidence.

*** Non-residents excluded from calculation.

NEONATAL DEATHS(1)

BY CAUSE OF DEATH(2) AND MANITOBA HEALTH & COMMUNITY SERVICE REGION 1985

	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	OTHER PERINATAL CAUSES	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	2	-	5	-	-	-	2	3	12
EASTMAN	-	1	-	1	-	-	-	-	2	4
INTERLAKE	-	3	2	1	-	-	-	1	1	8
NORMAN	-	1	-	2	-	-	-	-	-	3
PARKLAND	-	-	-	1	-	-	-	-	1	2
THOMPSON	-	1	-	2	-	-	-	2	-	5
WESTMAN	-	2	-	2	-	-	-	-	2	6
WINNIPEG	-	6	5	17	2	-	3	6	15	54
I.R. & U.T.	-	2	2	4	-	-	-	1	4	13
MANITOBA TOTAL	-	18	9	35	2	-	3	12	28	107
OTHER	-	3	2	5	-	-	1	1	6	18
TOTAL	-	21	11	40	2	-	4	13	34	125

SOURCE: Manitoba Vital Statistics registrations.

(1) Neonatal deaths are defined as infant deaths under 28 days of age, excluding stillbirths.

(2) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Immaturity (765); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799); Other Perinatal Causes (760, 761, 762, 763.8, 766.2, 772.0, 775.0, 776.0, 778.2, 779.6, 779.9).

IV-9B

NEONATAL DEATH RATES*

BY CAUSE OF DEATH(1) AND MANITOBA HEALTH & COMMUNITY SERVICES REGION 1985

	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	PERINATAL CAUSES	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	**	-	31.8	-	-	-	**	19.1	76.4
EASTMAN	-	**	-	**	-	-	-	-	**	34.0
INTERLAKE	-	35.7	**	**	-	-	-	**	**	95.2
NORMAN	-	**	-	**	-	-	-	-	-	79.8
PARKLAND	-	-	-	**	-	-	-	-	**	**
THOMPSON	-	**	-	**	-	-	-	**	-	104.0
WESTMAN	-	**	-	**	-	-	-	-	**	35.2
WINNIPEG	-	6.8	5.6	19.2	**	-	3.4	6.8	16.9	60.8
I.R. & U.T.	-	**	**	2.8	-	-	-	**	27.7	90.0
MANITOBA TOTAL	-	10.6	5.3	20.6	**	-	1.8	7.1	16.5	63.0
OTHER	-	57.9	**	96.5	-	-	**	**	115.8	347.5
TOTAL	-	12.0	6.3	22.8	**	-	2.3	7.4	19.4	71.4

SOURCE: Manitoba Vital Statistics registrations.

* For this table neonatal deaths are defined as infant deaths under 28 days of age, per 10,000 live births.
** Not calculated due to low incidence.

(1) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Immaturity (765); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799); Other Perinatal Causes (760, 761, 762, 763.8, 766.2, 772.0, 775.0, 776.0, 778.2, 779.6, 779.9).

POST-NEONATAL DEATHS*

BY CAUSE OF DEATH(1) AND MANITOBA HEALTH & COMMUNITY SERVICES REGION 1985

	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	-	-	2	-	-	-	5	7
EASTMAN	-	1	-	1	-	-	-	3	5
INTERLAKE	-	-	-	-	-	-	-	1	1
NORMAN	-	-	-	-	-	-	-	-	-
PARKLAND	-	-	-	-	-	-	-	1	1
THOMPSON	-	1	-	-	-	-	-	1	2
WESTMAN	-	-	-	-	-	-	-	2	2
WINNIPEG	-	2	-	2	-	-	1	17	22
I.R. & U.T.	-	2	-	3	-	-	1	9	15
MANITOBA TOTAL	-	6	-	8	-	-	2	39	55
OTHER	-	-	-	3	-	-	-	1	4
TOTAL	-	6	-	11	-	-	2	40	59

SOURCE: Manitoba Vital Statistics registrations.

(1) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (C04-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799).

* Post-neonatal deaths are defined as infant deaths from 28 days to under 1 year of age.

ERRATA: 1985 MATERNAL AND CHILD CARE VITAL STATISTICS

IV-10A

POST-NEONATAL DEATHS*

BY CAUSE OF DEATH(1) AND MANITOBA HEALTH & COMMUNITY SERVICES REGION 1985

	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	-	-	2	-	-	1	4	7
EASTMAN	-	1	-	1	-	-	-	3	5
INTERLAKE	-	-	-	-	-	-	-	1	1
NORMAN	-	-	-	-	-	-	-	-	-
PARKLAND	-	-	-	-	-	-	1	-	1
THOMPSON	-	1	-	-	-	-	-	1	2
WESTMAN	-	-	-	-	-	-	1	1	2
WINNIPEG	-	2	-	2	-	-	5	13	22
I.R. & U.T.	-	2	-	3	-	-	2	8	15
MANITOBA TOTAL	-	6	-	8	-	-	10	31	55
OTHER	-	-	-	3	-	-	-	1	4
TOTAL	-	6	-	11	-	-	10	32	59

SOURCE: Manitoba Vital Statistics registrations.

(1) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799).

* Post-neonatal deaths are defined as infant deaths from 28 days to under 1 year of age.

ERRATA: 1985 MATERNAL AND CHILD CARE VITAL STATISTICS

IV-10B

POST-NEONATAL DEATH RATES*

BY CAUSE OF DEATH(1) AND MANITOBA HEALTH AND COMMUNITY SERVICES REGION 1985

	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	-	-	**	-	-	**	25.5	44.6
EASTMAN	-	**	-	**	-	-	-	25.5	42.5
INTERLAKE	-	-	-	-	-	-	-	**	**
NORMAN	-	-	-	-	-	-	-	-	-
PARKLAND	-	-	-	-	-	-	**	-	**
THOMPSON	-	**	-	-	-	-	-	**	**
WESTMAN	-	-	-	-	-	-	**	**	**
WINNIPEG	-	**	-	**	-	-	5.6	14.6	24.8
I.R. & U.T.	-	**	-	20.8	-	-	**	55.4	103.8
MANITOBA TOTAL	-	3.5	-	4.7	-	-	5.9	18.2	32.4
OTHER	-	-	-	57.9	-	-	-	**	77.2
TOTAL		3.4	-	6.3	-	-	5.7	18.3	33.7

SOURCE: Manitoba Vital Statistics registrations.

* For this table, post-neonatal death rate is defined as infant deaths from 28 days to under 1 year of age per 10,000 live births.

** Not calculated due to low incidence.

(1) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799).

IV-10B

POST-NEONATAL DEATH RATES*

BY CAUSE OF DEATH(1) AND MANITOBA HEALTH AND COMMUNITY SERVICES REGION 1985

	LOWER RESPIRATORY	OTHER RESPIRATORY	IMMATURITY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	OTHER CAUSES	REGIONAL TOTAL
CENTRAL	-	-	-	**	-	-	-	31.8	44.6
EASTMAN	-	**	-	**	-	-	-	25.5	42.5
INTERLAKE	-	-	-	-	-	-	-	**	**
NORMAN	-	-	-	-	-	-	-	-	-
PARKLAND	-	-	-	-	-	-	-	**	**
THOMPSON	-	**	-	-	-	-	-	**	**
WESTMAN	-	-	-	-	-	-	-	**	**
WINNIPEG	-	**	-	**	-	-	**	19.2	24.8
I.R. & U.T.	-	**	-	55.4	-	-	**	62.3	103.8
MANITOBA TOTAL	-	6.8	-	4.7	-	-	**	22.9	32.4
OTHER	-	-	-	57.9	-	-	-	**	77.2
TOTAL	-	3.4	-	6.3	-	-	**	22.8	33.7

SOURCE: Manitoba Vital Statistics registrations.

* For this table, post-neonatal death rate is defined as infant deaths from 28 days to under 1 year of age per 10,000 live births.

** Not calculated due to low incidence.

(1) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799).

V-1A

FEMALES BETWEEN 15-49 YEARS OF AGE

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981(2)	1982(2)	1983(1)	1984(1)	1985(1)
FT. GARRY	12,421	12,605	12,696	12,863	13,370
EAST & NORTH KILDONAN	18,099	18,252	18,408	18,690	18,742
OLD & WEST KILDONAN	11,011	11,245	11,381	11,667	12,059
ST. BONIFACE	11,995	11,935	11,771	11,816	11,737
ST. JAMES	22,521	22,630	22,503	22,800	23,016
EAST & WEST ST. PAUL	1,420	1,423	1,486	1,507	1,540
ST. VITAL	12,910	13,179	13,553	14,047	14,558
TRANSCONA	7,687	7,734	7,804	7,959	8,147
INNER CITY***	62,268	63,465	63,357	64,037	64,702
WINNIPEG TOTAL	160,332	162,468	162,959	165,383	167,871

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December 1 preliminary M.H.S.C. population records.

*** Winnipeg, Inner City, includes Charleswood and Tuxedo.

V-1B

GENERAL FERTILITY RATES*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981(2)	1982(2)	1983(1)	1984(1)	1985
FT. GARRY	49.5	51.4	51.5	52.4	50.9
EAST & NORTH KILDONAN	51.6	52.9	51.6	54.8	51.6
OLD & WEST KILDONAN	51.5	47.5	46.4	51.3	48.8
ST. BONIFACE	43.4	39.5	44.2	42.4	41.6
ST. JAMES	34.5	34.7	34.9	33.1	35.6
EAST & WEST ST. PAUL	35.9	45.0	47.8	27.9	41.6
ST. VITAL	56.2	57.2	58.1	57.5	57.6
TRANSCONA	37.3	37.2	40.5	44.7	50.7
INNER CITY***	59.1	57.5	60.4	60.3	62.1
WINNIPEG TOTAL	51.0	50.1	52.5	51.8	52.9

SOURCE: (1) Manitoba Health Services Commission population records (June 1).
(2) December 1 preliminary M.H.S.C. population records.

* General fertility rate is defined as rate of live births per 1,000 females between ages 15-49.

*** Winnipeg, Inner City, includes Charleswood and Tuxedo.

V-1C

LIVE BIRTHS*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	641	606	633	631	608
FT. GARRY	615	648	654	674	681
EAST & NORTH KILDONAN	958	942	1,008	970	967
OLD & WEST KILDONAN	567	534	528	598	588
ST. BONIFACE	520	472	520	501	488
ST. JAMES	777	785	785	755	819
EAST & WEST ST. PAUL	51	64	71	42	64
ST. VITAL	725	754	788	808	838
TRANSCONA	287	288	316	356	413
INNER CITY	3,036	3,041	3,253	3,231	3,409
WINNIPEG TOTAL	8,177	8,134	8,556	8,566	8,875

SOURCE: Manitoba Vital Statistics registrations.

* Live Births are defined as infants born alive, excluding stillbirths.

V-1D

TOTAL BIRTHS*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	645	607	635	638	612
FT. GARRY	620	648	659	674	684
EAST & NORTH KILDONAN	966	946	1,011	973	972
OLD & WEST KILDONAN	572	538	530	605	592
ST. BONIFACE	523	473	523	505	489
ST. JAMES	786	793	791	765	823
EAST & WEST ST. PAUL	51	64	71	42	64
ST. VITAL	732	759	795	810	843
TRANSCONA	287	291	322	357	414
INNER CITY	3,062	3,068	3,277	3,262	3,441
WINNIPEG TOTAL	8,244	8,187	8,614	8,631	8,934

SOURCE: Manitoba Vital Statistics registrations.

* Total births are defined as live births plus stillbirths of 20 or more weeks gestation.

NOTE: Totals may differ from those for Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-2A

INFANT DEATHS*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	6	7	5	2	7
FT. GARRY	7	3	7	3	5
EAST & NORTH KILDONAN	8	8	6	4	8
OLD & WEST KILDONAN	4	5	4	4	2
ST. BONIFACE	2	5	7	4	5
ST. JAMES	5	7	9	-	3
EAST & WEST ST. PAUL	1	-	1	-	-
ST. VITAL	6	5	8	12	9
TRANSCONA	6	1	3	1	1
INNER CITY	34	31	31	35	36
WINNIPEG TOTAL	79	72	81	65	76

SOURCE: Manitoba Vital Statistics registrations.

* Infant deaths are defined as deaths under 1 year of age excluding still-births.

V-2B

INFANT DEATH RATES*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	9.4	11.6	7.9	**	11.5
FT. GARRY	11.4	4.6	10.7	4.5	7.3
EAST & NORTH KILDONAN	8.4	8.5	6.0	4.1	8.3
OLD & WEST KILDONAN	7.1	9.4	7.6	6.7	**
ST. BONIFACE	**	10.6	13.5	8.0	10.2
ST. JAMES	6.4	8.9	11.5	-	3.7
EAST & WEST ST. PAUL	**	-	**	-	-
ST. VITAL	8.3	6.6	10.2	14.9	10.7
TRANSCONA	20.9	**	9.5	**	**
INNER CITY	11.2	10.2	9.5	10.8	10.6
WINNIPEG TOTAL	9.7	8.9	9.5	7.6	8.6

SOURCE: Manitoba Vital Statistics registrations.

* Infant death rate is defined as number of deaths under 1 year of age, excluding stillbirths, per 1,000 live births.

** Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-3A

NEWBORN DEATHS*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	5	4	1	2	5
FT. GARRY	4	3	6	2	4
EAST & NORTH KILDONAN	6	7	5	4	7
OLD & WEST KILDONAN	2	3	2	3	1
ST. BONIFACE	-	3	5	2	-
ST. JAMES	4	7	6	-	2
EAST & WEST ST. PAUL	1	-	-	-	-
ST. VITAL	4	3	5	7	7
TRANSCONA	3	-	2	1	-
INNER CITY	16	18	17	10	17
WINNIPEG TOTAL	45	48	49	31	43

SOURCE: Manitoba Vital Statistics registrations.

* Newborn deaths are defined as infant deaths from birth to less than 7 days of age.

V-3B

NEWBORN DEATH RATES*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	7.8	6.6	**	**	8.2
FT. GARRY	6.5	4.6	9.2	**	5.9
EAST & NORTH KILDONAN	6.3	7.4	5.0	4.1	7.2
OLD & WEST KILDONAN	**	5.6	**	5.0	**
ST. BONIFACE	-	6.4	9.6	**	-
ST. JAMES	5.1	8.9	7.6	-	**
EAST & WEST ST. PAUL	**	-	-	-	-
ST. VITAL	5.5	4.0	6.3	8.7	8.4
TRANSCONA	10.5	-	**	**	-
INNER CITY	5.3	5.9	5.2	3.1	5.0
WINNIPEG TOTAL	5.5	5.9	5.7	3.6	4.8

SOURCE: Manitoba Vital Statistics registrations.

* Newborn death rate is defined as the rate of infant deaths from birth to less than 7 days of age per 1,000 live births.

** Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-4A

PERINATAL DEATHS*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	9	5	3	9	9
FT. GARRY	9	3	11	2	7
EAST & NORTH KILDONAN	14	11	8	7	12
OLD & WEST KILDONAN	7	7	4	10	5
ST. BONIFACE	3	4	8	6	1
ST. JAMES	13	15	12	10	6
EAST & WEST ST. PAUL	1	-	-	-	-
ST. VITAL	11	8	12	9	12
TRANSCONA	3	3	8	2	1
INNER CITY	42	45	41	41	49
WINNIPEG TOTAL	112	101	107	96	102

SOURCE: Manitoba Vital Statistics registrations.

* Perinatal deaths are defined as fetal deaths of 20 or more weeks gestation plus infant deaths under 7 days of age.

V-4B

PERINATAL DEATH RATES*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	14.0	8.2	4.7	14.1	14.7
FT. GARRY	14.5	4.6	16.7	**	10.2
EAST & NORTH KILDONAN	14.5	11.6	7.9	7.2	12.3
OLD & WEST KILDONAN	12.2	13.0	7.5	16.5	8.4
ST. BONIFACE	5.7	8.5	15.3	11.9	2.0
ST. JAMES	16.5	18.9	15.2	13.1	7.3
EAST & WEST ST. PAUL	**	-	-	-	-
ST. VITAL	15.0	10.5	15.1	11.1	14.2
TRANSCONA	10.5	10.3	24.8	**	2.4
INNER CITY	13.7	14.7	12.5	12.6	14.2
WINNIPEG TOTAL	13.6	12.3	12.4	11.1	11.4

SOURCE: Manitoba Vital Statistics registrations.

* Perinatal death rate is defined as fetal deaths of 20 or more weeks gestation plus infant deaths under 7 days of age per 1,000 total births. Total births are defined as live births plus stillbirths of 20 or more weeks gestation.

** Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of the separate areas within Winnipeg.

V-4C

PERINATAL DEATHS*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	5	4	2	7	7
FT. GARRY	7	3	10	2	5
EAST & NORTH KILDONAN	12	10	8	7	12
OLD & WEST KILDONAN	4	6	3	8	5
ST. BONIFACE	3	3	7	6	1
ST. JAMES	8	11	11	6	6
EAST & WEST ST. PAUL	1	-	-	-	-
ST. VITAL	8	7	9	9	12
TRANSCONA	3	3	7	2	-
INNER CITY	35	34	36	28	34
WINNIPEG TOTAL	86	81	93	75	82

SOURCE: Manitoba Vital Statistics registrations.

* Perinatal deaths are defined as fetal deaths of 28 or more weeks gestation plus infant deaths under 7 days of age.

V-4D

PERINATAL DEATH RATES*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	7.8	6.6	**	11.0	11.5
FT. GARRY	11.3	4.6	15.2	**	7.3
EAST & NORTH KILDONAN	12.4	10.6	7.9	7.2	12.3
OLD & WEST KILDONAN	7.0	11.2	5.7	13.2	8.4
ST. BONIFACE	5.7	6.3	13.4	11.9	**
ST. JAMES	10.2	13.9	13.9	7.8	7.3
EAST & WEST ST. PAUL	**	-	-	-	-
ST. VITAL	11.0	9.2	11.3	11.1	14.3
TRANSCONA	10.5	10.3	21.7	**	-
INNER CITY	11.5	11.1	11.0	8.6	9.9
WINNIPEG TOTAL	10.5	9.9	10.0	8.7	9.2

SOURCE: Manitoba Vital Statistics registrations.

* Perinatal death rate is defined as fetal deaths of 28 or more weeks gestation plus infant deaths under 7 days of age per 1,000 total births. Total births are defined as live births plus stillbirths of 28 or more weeks gestation.

** Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-4E

STILLBIRTHS*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	4	1	2	7	4
FT. GARRY	5	-	5	-	3
EAST & NORTH KILDONAN	8	4	3	3	5
OLD & WEST KILDONAN	5	4	2	7	4
ST. BONIFACE	3	1	3	4	1
ST. JAMES	9	8	6	10	4
EAST & WEST ST. PAUL	-	-	-	-	-
ST. VITAL	7	5	7	2	5
TRANSCONA	-	3	6	1	1
INNER CITY	26	27	24	31	32
WINNIPEG TOTAL	67	53	58	65	59

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirths are defined as fetal deaths of 20 or more weeks gestation.

V-4F

STILLBIRTH RATES*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	6.2	**	**	11.1	6.6
FT. GARRY	8.1	-	7.6	-	4.4
EAST & NORTH KILDONAN	8.4	4.2	3.0	3.1	5.2
OLD & WEST KILDONAN	8.8	7.5	**	11.7	6.8
ST. BONIFACE	5.8	**	5.8	8.0	**
ST. JAMES	11.6	10.2	7.6	13.2	4.9
EAST & WEST ST. PAUL	-	-	-	-	-
ST. VITAL	9.7	6.6	8.9	**	6.0
TRANSCONA	**	10.4	19.0	**	**
INNER CITY	8.6	8.9	7.4	9.6	9.4
WINNIPEG TOTAL	8.2	6.5	6.8	7.6	6.6

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirth rate is defined as fetal deaths of 20 or more weeks gestation per 1,000 live births.

** Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-4G

STILLBIRTHS*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	-	-	1	5	2
FT. GARRY	3	-	4	-	1
EAST & NORTH KILDONAN	6	3	3	3	5
OLD & WEST KILDONAN	2	3	1	5	4
ST. BONIFACE	3	-	2	4	1
ST. JAMES	4	4	5	6	4
EAST & WEST ST. PAUL	-	-	-	-	-
ST. VITAL	4	4	4	2	5
TRANSCONA	-	3	5	1	-
INNER CITY	19	16	19	18	17
WINNIPEG TOTAL	41	33	44	44	39

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirths are defined as fetal deaths of 28 or more weeks gestation.

V-4H

STILLBIRTH RATES*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	-	-	**	7.9	3.3
FT. GARRY	4.9	-	6.1	-	**
EAST & NORTH KILDONAN	6.3	3.2	3.0	3.1	5.2
OLD & WEST KILDONAN	**	5.6	**	8.4	6.8
ST. BONIFACE	5.8	-	**	8.0	**
ST. JAMES	5.1	5.1	6.4	7.9	4.9
EAST & WEST ST. PAUL	-	-	-	-	-
ST. VITAL	5.5	5.3	5.1	**	6.0
TRANSCONA	-	10.4	15.8	**	-
INNER CITY	6.3	5.3	5.8	5.6	5.0
WINNIPEG TOTAL	5.0	4.1	5.1	5.1	4.4

SOURCE: Manitoba Vital Statistics registrations.

* Stillbirth rate is defined as fetal deaths of 28 or more weeks gestation per 1,000 live births.

** Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-5A

NEONATAL DEATHS*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	5	5	2	2	6
FT. GARRY	4	3	6	2	4
EAST & NORTH KILDONAN	7	7	5	4	7
OLD & WEST KILDONAN	4	4	2	4	1
ST. BONIFACE	-	4	6	2	1
ST. JAMES	4	7	6	-	2
EAST & WEST ST. PAUL	1	-	-	-	-
ST. VITAL	4	4	5	7	8
TRANSCONA	4	-	2	1	-
INNER CITY	20	24	22	16	25
WINNIPEG TOTAL	53	58	56	38	54

SOURCE: Manitoba Vital Statistics registrations.

* Neonatal deaths are defined as infant deaths under 28 days of age, excluding stillbirths.

V-5B

NEONATAL DEATH RATES*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	7.8	8.3	**	**	10.0
FT. GARRY	6.5	4.6	9.2	**	5.9
EAST & NORTH KILDONAN	7.3	7.4	5.0	4.1	7.2
OLD & WEST KILDONAN	7.1	7.5	**	6.7	**
ST. BONIFACE	-	8.5	11.5	**	**
ST. JAMES	5.1	8.9	7.6	-	**
EAST & WEST ST. PAUL	**	-	-	-	-
ST. VITAL	5.5	5.3	6.3	8.7	9.5
TRANSCONA	13.9	-	**	**	-
INNER CITY	6.6	7.9	6.8	5.0	7.3
WINNIPEG TOTAL	6.5	7.1	6.5	4.4	6.1

SOURCE: Manitoba Vital Statistics registrations.

* Neonatal death rate is defined as infant deaths under 28 days of age, excluding stillbirths, per 1,000 live births.

** Not calculated due to low incidence.

NOTE: Totals may differ from Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-6A

POST-NEONATAL DEATHS*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	1	2	3	-	1
FT. GARRY	3	-	1	1	1
EAST & NORTH KILDONAN	1	1	1	-	1
OLD & WEST KILDONAN	-	1	2	-	1
ST. BONIFACE	2	1	1	2	4
ST. JAMES	1	-	3	-	1
EAST & WEST ST. PAUL	-	-	1	-	-
ST. VITAL	2	1	3	5	1
TRANSCONA	2	1	1	-	1
INNER CITY	14	7	9	19	11
WINNIPEG TOTAL	26	14	25	27	22

SOURCE: Manitoba Vital Statistics registrations.

* Post-neonatal deaths are defined as infant deaths from 28 days to under 1 year of age.

V-6B

POST-NEONATAL DEATH RATES*

WINNIPEG REGION 1981-1985

WINNIPEG REGION	1981	1982	1983	1984	1985
CHARLESWOOD-TUXEDO	**	**	4.7	-	**
FT. GARRY	4.9	-	**	**	**
EAST & NORTH KILDONAN	**	**	**	-	**
OLD & WEST KILDONAN	-	**	**	-	**
ST. BONIFACE	**	**	**	**	8.2
ST. JAMES	**	-	3.8	-	**
EAST & WEST ST. PAUL	-	-	**	-	-
ST. VITAL	**	**	3.8	6.2	**
TRANSCONA	**	**	**	-	**
INNER CITY	4.6	2.3	2.8	5.9	3.2
WINNIPEG TOTAL	3.2	1.7	2.9	3.2	2.5

SOURCE: Manitoba Vital Statistics registrations.

* Post-neonatal death rate is defined as infant deaths from 28 days to under 1 year of age per 1,000 live births.

** Not calculated due to low incidence.

NOTE: Totals may differ from those for Winnipeg Region in Part IV due to variation between Winnipeg coded as a Manitoba region and the coding of separate areas within Winnipeg.

V-7

POST-NEONATAL DEATHS* BY CAUSE(1)

AND WINNIPEG AREA 1985

	LOWER RESPIRATORY	OTHER RESPIRATORY	CONGENITAL ANOMALIES	BIRTH INJURY	GASTRO-INTESTINAL	SYMPTOMS & ILL-DEFINED	OTHER CAUSES	TOTAL
CHARLESWOOD-TUXEDO	-	-	-	-	-	-	1	1
FT. GARRY	-	-	-	-	-	-	1	1
EAST & NORTH KILDONAN	-	-	-	-	-	-	1	1
OLD & WEST KILDONAN	-	-	-	-	-	1	-	1
ST. BONIFACE	-	-	1	-	-	1	2	4
ST. JAMES	-	-	-	-	-	1	-	1
EAST & WEST ST. PAUL	-	-	-	-	-	-	-	-
ST. VITAL	-	-	-	-	-	-	1	1
TRANSCONA	-	-	-	-	-	-	1	1
INNER CITY	-	2	1	-	-	2	6	11
TOTAL	-	2	2	-	-	5	13	22

SOURCE: Manitoba Vital Statistics registrations.

* Post-neonatal deaths are defined as infant deaths from 28 days to under 1 year of age.

(1) Cause of death has been aggregated from the Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death (Ninth Revision), World Health Organization, Volume 1, 1977 as follows: Lower Respiratory (480-483, 485-492); Other Respiratory (768, 769, 770); Congenital Anomalies (740-759); Birth Injury (767); Gastro-Intestinal (004-009, 535, 555, 556, 558, 562, 564, 565, 566, 567.2, 567.9, 568, 569); Symptoms and Ill-Defined Conditions (780-796, 798, 799).

V-8A

DEATHS UNDER 1 YEAR OF AGE BY WINNIPEG AREAS AND BY

SELECTED AGES 1985

	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 15 DAYS	15 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 3 MONTHS	3 MONTHS TO LESS THAN 6 MONTHS	6 MONTHS TO LESS THAN 12 MONTHS
CHARLESWOOD-TUXEDO	3	1	1	-	1	-	-	1
FT. GARRY	1	-	3	-	-	-	-	1
EAST & NORTH KILDONAN	4	1	2	-	-	-	1	-
OLD & WEST KILDONAN	-	1	-	-	-	-	1	-
ST. BONIFACE	-	-	-	1	-	1	2	1
ST. JAMES	-	1	1	-	-	1	-	-
EAST & WEST ST. PAUL	-	-	-	-	-	-	-	-
ST. VITAL	4	-	3	1	-	-	1	-
TRANSCONA	-	-	-	-	-	-	1	-
INNER CITY	11	4	2	5	3	3	6	2
WINNIPEG TOTAL	23	8	12	7	4	5	12	5

SOURCE: Manitoba Vital Statistics registrations.

DEATH RATES* UNDER 1 YEAR OF AGE BY WINNIPEG AREAS AND BY SELECTED AGES 1985

	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 15 DAYS	15 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 3 MONTHS	3 MONTHS TO LESS THAN 6 MONTHS	6 MONTHS TO LESS THAN 12 MONTHS
CHARLESWOOD-TUXEDO	4.9	**	**	-	**	-	-	**
FT. GARRY	**	-	4.4	-	-	-	-	**
EAST & NORTH KILDONAN	4.1	**	**	-	-	-	**	-
OLD & WEST KILDONAN	-	**	-	-	-	-	**	-
ST. BONIFACE	-	-	-	**	-	**	**	**
ST. JAMES	-	**	**	-	-	**	-	-
EAST & WEST ST. PAUL	-	-	-	-	-	-	-	-
ST. VITAL	4.8	-	3.6	**	-	-	**	-
TRANSCONA	-	-	-	-	-	-	**	-
INNER CITY	3.2	1.2	**	1.5	0.9	0.9	1.8	**
WINNIPEG TOTAL	2.6	0.9	1.4	0.8	0.5	0.6	1.4	0.6

SOURCE: Manitoba Vital Statistics registrations.

* All rates are defined as rate per 1,000 live births.
** Not calculated due to low incidence.

VI-1

SELECTED VITAL STATISTICS RATES(1) BY MANITOBA HEALTH & COMMUNITY SERVICE REGION OF RESIDENCE 1985

VITAL STATISTICS	POPULATION	LIVE BIRTH RATE (2)	STILLBIRTH DEATH RATE (3)	FIRST DAY DEATH RATE	NEWBORN DEATH RATE	PERINATAL DEATH RATE (4)	NEONATAL DEATH RATE	POST-NEONATAL DEATH RATE	INFANT DEATH RATE
CENTRAL	90,372	17.4	4.5	4.5	7.0	11.4	7.6	4.5	12.1
EASTMAN	71,963	16.3	4.3	**	**	5.9	3.4	4.3	7.7
INTERLAKE	62,663	13.4	6.0	4.8	9.5	15.4	9.5	**	10.7
NORMAN	21,109	17.8	8.0	-	**	13.2	8.0	-	8.0
PARKLAND	44,430	11.8	9.5	**	**	13.2	**	**	5.7
THOMPSON	20,750	23.2	8.3	**	6.2	14.4	10.4	**	14.6
WESTMAN	118,558	14.4	4.1	2.3	2.9	7.0	3.5	**	4.7
WINNIPEG	617,599	14.4	6.6	2.6	4.8	11.4	6.1	2.5	8.6
I.R. & U.T.	61,316	23.6	12.5	4.8	6.2	18.5	9.0	10.4	19.4
MANITOBA TOTAL	1,108,760	15.8	6.6	2.9	5.0	11.6	6.3	3.2	9.5

SOURCE: Manitoba Health Services Commission population records.
Manitoba Vital Statistics registrations.

(1) Unless otherwise indicated rates are per 1,000 live births.
(2) Live birth rate is defined as the rate of live births per 1,000 population.
(3) Stillbirths are defined as fetal deaths of 20 or more weeks gestation.
(4) Perinatal death rate is defined as fetal deaths of 20 or more weeks gestation plus infant deaths under 7 days of age per 1,000 total births.

** Not calculated due to low incidence.

SELECTED VITAL STATISTICS* BY INFANT WEIGHT AT BIRTH 1985

VITAL STATISTICS	STILLBIRTHS	NEWBORN DEATHS	TOTAL PERINATAL DEATHS	LIVE BIRTHS	TOTAL BIRTHS	STILLBIRTH RATE	NEWBORN DEATH RATE	PERINATAL DEATH RATE
WT. GRAMS								
< 1500	42	49	91	129	171	325.6	379.8	532.2
1500 - 2000	4	5	9	187	191	21.4	26.7	47.1
2000 - 2500	11	4	15	571	582	19.3	7.0	25.8
2500 - 3000	12	10	22	2,176	2,188	5.5	4.6	10.1
3000 - 3500	9	6	15	6,021	6,030	1.5	1.0	2.5
3500+	11	9	20	7,901	7,912	1.4	1.1	2.5
TOTAL	113 (1)	85 (2)	198 (3)	16,995 (4)	17,108 (5)	6.6	5.0	11.6

SOURCE: Manitoba Vital Statistics registrations.

* Data are for Manitoba residents. See glossary for definitions. For stillbirths and perinatal deaths, fetal deaths of 20 or more weeks gestation are used.

(1) Includes 24 missing observations.
(2) Includes 2 missing observations.
(3) Includes 26 missing observations.
(4) Includes 10 missing observations.
(5) Includes 34 missing observations.

VI-2B

SELECTED VITAL STATISTICS* BY PARITY 1985

VITAL STATISTICS	STILLBIRTHS	NEWBORN DEATHS	TOTAL PERINATAL DEATHS	LIVE BIRTHS	TOTAL BIRTHS	STILLBIRTH RATE	NEWBORN DEATH RATE	PERINATAL DEATH RATE
PARITY								
1	52	30	82	6,604	6,656	7.9	4.5	12.3
2	27	25	52	5,760	5,787	4.7	4.3	9.0
3	16	18	34	2,717	2,733	5.9	6.6	12.4
4	7	5	12	990	997	7.1	5.1	12.0
5	5	6	11	361	366	13.9	16.6	30.1
6	2	-	2	184	186	**	-	**
7	2	-	2	83	85	**	-	**
8+	2	-	2	84	86	**	-	**
TOTAL	113	84	197	16,783 (1)	16,896	6.7	5.0	11.7

SOURCE: Manitoba Vital Statistics registrations.

* Data are for Manitoba residents only. See glossary for definitions. For stillbirths and perinatal deaths, fetal deaths of 20 or more weeks gestation are used.
The counts and rates presented here differ from those in part IV as these are presented by characteristics of mothers and not infants.

** Not calculated due to low incidence.

(1) 45 Missing observations. Also, some mothers experienced multiple births with more than 1 newborn death.

SELECTED VITAL STATISTICS* BY MOTHER'S AGE 1985

VITAL STATISTICS	STILLBIRTHS	NEWBORN DEATHS	TOTAL PERINATAL DEATHS	LIVE BIRTHS	TOTAL BIRTHS	STILLBIRTH RATE	NEWBORN DEATH RATE	PERINATAL DEATH RATE
AGE								
< 15	-	-	-	27	27	-	-	-
15 - 16	3	1	4	253	256	11.9	**	15.6
17	5	1	6	299	304	16.7	**	19.7
18 - 19	10	5	15	975	985	10.3	5.1	15.2
20 - 24	29	3	32	4,724	4,753	6.1	0.6	6.7
25 - 29	34	21	55	6,112	6,146	5.6	3.4	8.9
30 - 34	20	34	54	3,426	3,446	5.8	9.9	15.7
35 - 39	10	16	26	883	893	11.3	18.1	29.1
40 - 44	2	2	4	123	125	**	**	32.0
45 - 49	-	1	1	5	5	-	**	**
TOTAL	113	84	197	16,827	16,940	6.7	5.0	11.6

SOURCE: Manitoba Vital Statistics registrations.

* Data are for Manitoba residents only. See glossary for definitions. For stillbirths and perinatal deaths, fetal deaths of 20 or more weeks gestation are used.
The counts and rates presented here differ from those in Part IV as these are presented by characteristics of mothers and not infants.

** Not calculated due to low incidence.

NOTE: Some mothers had more than 1 live birth.

VI-3A

PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY BIRTH WEIGHT(1) AND

MANITOBA HEALTH & COMMUNITY SERVICES REGION 1985

WEIGHT (GMS.)	LESS THAN 1500	1500 TO LESS THAN 2000	2000 TO LESS THAN 2500	2500 TO LESS THAN 3000	3000 TO LESS THAN 3500	3500+	TOTAL LIVE BIRTHS	MEAN WEIGHT (GMS.)
CENTRAL	0.5	0.7	2.7	11.9	32.2	51.9	1,569	3487.0
EASTMAN	0.5	0.9	2.6	12.7	36.2	47.2	1,176	3466.1
INTERLAKE	0.8	1.2	3.5	11.3	34.2	49.0	840	3472.8
NORMAN	0.8	0.5	2.4	11.7	33.5	51.1	376	3508.8
PARKLAND	0.8	1.9	3.0	12.5	37.5	44.3	526	3403.2
THOMPSON	0.6	1.0	2.5	10.0	31.2	54.7	481	3532.5
WESTMAN	0.4	1.1	2.5	12.6	34.5	48.9	1,704	3459.5
WINNIPEG	0.9	1.2	3.8	13.7	36.6	43.8	8,869	3397.0
I.R. & U.T.	0.9	0.8	3.5	10.9	34.3	49.7	1,444	3480.8
MANITOBA TOTAL	0.8	1.2	3.5	13.2	36.4	47.9	16,985 (2)	3433.7

SOURCE: Manitoba Vital Statistics registrations.

(1) Data are for Manitoba residents only.
(2) 10 Missing cases.

VI-3B

PERCENTAGE DISTRIBUTION OF MOTHERS BY PARITY(1) AND MANITOBA HEALTH & COMMUNITY SERVICES REGION 1985

PARITY	1	2	3	4	5	6	7	8+	TOTAL NO. MOTHERS
CENTRAL	31.8	34.1	18.4	8.6	3.2	2.1	0.8	1.1	1,552
EASTMAN	33.2	34.7	19.6	8.1	2.0	1.5	0.3	0.6	1,162
INTERLAKE	41.3	32.4	17.5	5.4	2.0	0.7	**	0.5	830
NORMAN	38.4	34.1	15.7	8.1	2.4	**	**	**	370
PARKLAND	38.0	32.9	18.9	4.8	2.5	1.7	1.0	**	519
THOMPSON	35.7	33.8	17.2	5.9	3.2	1.3	1.7	1.1	476
WESTMAN	37.8	37.6	14.9	22.3	1.9	0.9	0.4	**	1,676
WINNIPEG	43.3	35.5	14.8	4.4	1.1	0.5	0.2	0.2	8,763
I.R. & U.T.	30.7	24.9	19.2	9.9	7.5	3.8	1.7	2.0	1,435
MANITOBA TOTAL	39.3	34.3	16.2	5.9	2.1	1.1	0.5	0.5	16,783 (2)

SOURCE: Manitoba Vital Statistics registrations.

(1) Data are for Manitoba residents only.
(2) 45 Missing observations.

** Not calculated due to low incidence.

VI-3C

PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY MOTHER'S AGE(1) AND

MANITOBA HEALTH & COMMUNITY SERVICES REGION 1985

AGE	15 OR LESS	15-16	17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	TOTAL NO. MOTHERS
CENTRAL	0.2	0.7	1.1	3.7	30.7	39.3	19.1	4.3	0.9	-	1,554
EASTMAN	**	0.4	0.9	3.1	31.3	38.4	19.1	6.0	0.8	-	1,164
INTERLAKE	-	1.4	1.8	6.3	28.4	38.2	19.3	4.5	**	-	830
NORMAN	**	2.4	1.9	9.7	34.1	36.3	10.5	4.6	-	**	372
PARKLAND	-	1.7	2.5	6.0	32.6	36.7	15.2	4.6	0.6	**	521
THOMPSON	**	2.5	2.1	9.0	31.9	36.7	13.6	3.3	**	-	479
WESTMAN	**	0.6	1.2	4.4	31.0	39.5	19.0	3.6	0.5	**	1,688
WINNIPEG	0.1	1.1	1.5	4.5	24.4	37.4	23.9	6.3	0.9	**	8,784 (2)
I.R. & U.T.	0.9	6.2	5.3	17.4	37.2	19.7	9.9	2.6	0.7	-	1,435
MANITOBA TOTAL	0.2	1.5	1.8	5.8	28.1	36.3	20.3	5.2	0.7	0.0	16,827

SOURCE: Manitoba Vital Statistics registrations.

(1) Data are for Manitoba residents only.
(2) 1 missing oberservation for Winnipeg age 50+.

** Not calculated due to low incidence

NOTE: The number of "teenage" mothers in I.R. and U.T. is markedly higher than any other region.

NUMBER OF LIVE BIRTHS AND PERCENTAGE DISTRIBUTION 1985

A. BIRTH WEIGHT BY REGION

WT (GMS)	less than 2000		2000 - 3499		3500+		
REGION	#	%	#	%	#	%	TOTAL #
WINNIPEG	185	2.1	4,802	54.1	3,882	43.8	8,869
OTHER REGIONS	106	1.6	3,264	48.9	3,302	49.5	6,672
I.R. & U.T.	25	1.7	702	48.6	717	49.7	1,444
MANITOBA	316	1.9	8,768	51.6	7,901	46.5	16,985(1)

(1) 10 missing observations - not categorized by weight.

B. PARITY* BY REGION

PARITY	1		2 - 4		5+		TOTAL
REGION	#	%	#	%	#	%	#
WINNIPEG	3,799	43.4	4,791	54.7	173	1.9	8,763
OTHER REGIONS	2,364	35.9	3,901	59.2	321	4.9	6,586
I.R. & U.T.	441	30.8	775	54.0	218	15.2	1,434
MANITOBA	6,604	39.4	9,467	56.4	712	4.2	16,783 (1)

* Parity is defined as the total number of births, current and previous, and live and still, by an individual mother.
(1) 45 Missing observations.

C. MOTHER'S AGE BY REGION

AGE	less than 20 Yrs.		20 - 34 Yrs.		35+ Yrs.		TOTAL
REGION	#	%	#	%	#	%	#
WINNIPEG	629	7.2	7,524	85.7	632	7.2	8,785
OTHER REGIONS	498	7.5	5,779	87.4	332	5.0	6,609
I.R. & U.T.	427	29.8	959	66.9	48	3.3	1,434
MANITOBA	1,554	9.2	14,262	84.8	1,012	6.0	16,828 (1)

(1) 1 missing observation

SOURCE: Manitoba Vital Statistics registrations.

NOTE: Totals do not agree between parts B and C because of missing data.

VI-5A

DEATHS[1] UNDER ONE YEAR OF AGE BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1985

AGE	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 15 DAYS	15 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 3 MONTHS	3 TO LESS THAN 6 MONTHS	6 TO LESS THAN 12 MONTHS
CENTRAL	7	3	1	1	-	3	1	3
EASTMAN	1	1	-	-	2	2	3	-
INTERLAKE	4	4	-	-	-	-	-	1
NORMAN	-	-	2	1	-	-	-	-
PARKLAND	1	-	1	-	-	-	-	1
THOMPSON	2	1	-	1	1	-	1	1
WESTMAN	4	-	1	1	-	1	1	-
WINNIPEG	23	8	12	7	4	5	12	5
I.R. & U.T.	7	1	1	2	2	7	3	5
MANITOBA TOTAL	49	18	18	13	9	18	21	16

SOURCE: Manitoba Vital Statistics registrations.

(1) Manitoba residents only.

DEATH RATES* UNDER ONE YEAR OF AGE BY MANITOBA HEALTH & COMMUNITY SERVICES REGION 1985

AGE	LESS THAN 1 DAY	1 TO LESS THAN 3 DAYS	3 TO LESS THAN 7 DAYS	7 TO LESS THAN 15 DAYS	15 TO LESS THAN 28 DAYS	28 DAYS TO LESS THAN 3 MONTHS	3 TO LESS THAN 6 MONTHS	6 TO LESS THAN 12 MONTHS
CENTRAL	4.5	1.9	**	**	-	1.9	**	1.9
EASTMAN	**	**	-	-	**	**	2.6	-
INTERLAKE	4.8	4.8	-	-	-	-	-	**
NORMAN	-	-	**	**	-	-	-	-
PARKLAND	**	-	**	-	-	-	-	**
THOMPSON	**	**	-	**	**	-	**	**
WESTMAN	2.3	-	**	**	-	**	**	-
WINNIPEG	2.6	0.9	1.4	0.8	0.5	0.6	1.4	0.6
I.R. & U.T.	4.8	**	**	**	**	4.8	2.1	3.5
MANITOBA TOTAL	2.9	1.1	1.1	0.8	0.5	1.1	1.2	0.9

SOURCE: Manitoba Vital Statistics registrations.

* All rates are defined as rate per 1,000 live births.
** Not calculated due to low incidence.